SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764

MOBILE ANALYTICAL LABORATORIES, INC.

BILLING ADDRESS:
P.O. BOX 69210
ODESSA, TEXAS 79769-0210

LABORATORY IN ODESSA
PHONE (432) 337-4744 | FAX (432) 337-8781

08/20/21

EXTENDED GAS ANALYSIS

LAB 60791

TARGA: BUCKEYE
INLET: 83830007

	MOL %	GPM
HYDROGEN SULFIDE	0.2833	0.000
NITROGEN	2.2416	0.000
METHANE	80.0256	0.000
CARBON DIOXIDE	1.6413	0.000
ETHANE	7.6164	2.032
PROPANE	4.3616	1.199
ISO-BUTANE	0.5464	0.178
N-BUTANE	1.4838	0.467
ISO-PENTANE	0.4009	0.146
N-PENTANE	0.4148	0.150
NEOHEXANE	0.0050	0.002
CYCLOPENTANE	0.0478	0.014
2-METHYLPENTANE	0.0861	0.036
3-METHYLPENTANE	0.0551	0.022
N-HEXANE	0.1044	0.043
METHYLCYCLOPENTANE	0.0741	0.026
BENZENE	0.0685	0.019
CYCLOHEXANE	0.0926	0.031
2-METHYLHEXANE	0.0201	0.009
3-METHYLHEXANE	0.0249	0.011
DIMETHYLCYCLOPENTANES	0.0439	0.018
N-HEPTANE	0.0360	0.017
METHYLCYCLOHEXANE	0.0753	0.030
TRIMETHYLCYCLOPENTANES	0.0036	0.002
TOLUENE	0.0539	0.018
2-METHYLHEPTANE	0.0246	0.013
3-METHYLHEPTANE	0.0010	0.001
DIMETHYLCYCLOHEXANES	0.0146	0.007
N-OCTANE	0.0134	0.007
ETHYL BENZENE	0.0085	0.003
M&P-XYLENES	0.0153	0.006
O-XYLENE	0.0052	0.002
C9 NAPHTHENES	0.0154	0.008
C9 PARAFFINS	0.0288	0.017
N-NONANE	0.0062	0.004
N-DECANE	0.0038	0.002
UNDECANE PLUS	0.0562	0.037
TOTALS	100.0000	4.577

SPECIFIC GRAVITY	0.735
GROSS DRY BTU/CU.FT.	1204.2
GROSS WET BTU/CU.FT.	1183.6
TOTAL MOL. WT.	21.215
MOL. WT. C6+	96.300
SP. GRAVITY C6+	3.879
MOL. WT. C7+	111.958
SP. GRAVITY C7+	4.917

BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/18/21
11 PSI @ 77 °F
RUN: 08/19/21
SPOT SR
CYLINDER: 1
DISTRIBUTION: MR JOSEPH AUSTIN
2833.24 PPM H2S

Meter ID: 830009 **Location** Buckeye Flare VRSDO.UIS

	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
10/8/21 0:00	7.688	41.991	67.037	25.991	31058.850	1429.000
10/8/21 1:00	7.796	41.659	67.880	65.429	78187.840	3589.000
10/8/21 2:00	6.041	42.034	66.887	10.476	12518.530	659.000
10/8/21 3:00	0.000	21.727	60.671	0.000	0.000	0.000
10/8/21 4:00	0.000	20.089	58.594	0.000	0.000	0.000
10/8/21 5:00	0.000	19.416	57.328	0.000	0.000	0.000
10/8/21 6:00	0.000	20.724	57.126	0.000	0.000	0.000
10/8/21 7:00	0.000	22.637	58.181	0.000	0.000	0.000
10/8/21 8:00	5.985	27.546	69.001	0.052	61.854	4.000
10/8/21 9:00	8.528	41.851	76.877	48.575	58046.860	2567.000
10/8/21 10:00	13.080	40.487	78.287	31.617	37782.740	1573.000
10/8/21 11:00	13.056	28.098	89.214	0.594	710.161	34.000
10/8/21 12:00	0.000	24.906	92.415	0.000	0.000	0.000
10/8/21 13:00	0.000	20.956	93.382	0.000	0.000	0.000
10/8/21 14:00	11.042	25.749	92.020	0.125	149.702	8.000
10/8/21 15:00	8.402	40.606	88.509	11.634	13902.720	646.000
10/8/21 16:00	20.283	40.477	85.241	57.973	69277.670	2915.000
10/8/21 17:00	5.453	42.620	84.297	1.538	1838.086	101.000
10/8/21 18:00	0.000	29.924	80.513	0.000	0.000	0.000
10/8/21 19:00	0.000	24.372	74.729	0.000	0.000	0.000
10/8/21 20:00	0.000	20.403	71.297	0.000	0.000	0.000
10/8/21 21:00	0.000	17.631	69.155	0.000	0.000	0.000
10/8/21 22:00	0.000	15.685	67.835	0.000	0.000	0.000
10/8/21 23:00	0.000	14.382	66.279	0.000	0.000	0.000
Avg/Total:	4.47	28.58	73.86	254.0042	303535.0126	13525.0000

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 56918

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 56918
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	*Not answered.*
Incident Facility	**[fGP00000000023] TARGA BUCKEYE CS**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a venting and/or flaring event	**Yes, minor venting and/or flaring of natural gas.**
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there or will there be **at least 50 MCF** of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring result in the release of **ANY** liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	*Not answered.*
Additional details for Equipment Involved. Please specify	*Not answered.*

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	80
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2,833
Carbon Dioxide (C02) percentage, if greater than one percent	2
Oxygen (02) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	*Not answered.*
Nitrogen (N2) percentage quality requirement	*Not answered.*
Hydrogen Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	10/08/2021
Time venting and/or flaring was discovered or commenced	12:36 AM
Time venting and/or flaring was terminated	05:02 PM
Cumulative hours during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*

Natural Gas Flared (Mcf) Details	Cause: Power Failure | Gas Compressor Station | Natural Gas Flared | Released: 254 Mcf | Recovered: 0 Mcf | Lost: 254 Mcf]
Other Released Details	*Not answered.*
Additional details for Measured or Estimated Volume(s). Please specify	*Not answered.*
Is this a gas only submission (i.e. only significant Mcf values reported)	**Yes, according to supplied volumes this appears to be a "gas only" report.**

Venting or Flaring Resulting from Downstream Activity	
Was or is this venting and/or flaring a result of downstream activity	*Not answered.*
Was notification of downstream activity received by you or your operator	*Not answered.*
Downstream OGRID that should have notified you or your operator	*Not answered.*
Date notified of downstream activity requiring this venting and/or flaring	*Not answered.*
Time notified of downstream activity requiring this venting and/or flaring	*Not answered.*

Steps and Actions to Prevent Waste	
For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Inlet gas was intermittently flared when C-3 automatically shut down. The cause of the shutdown was determined to be a failure in the VFD drive caused by a third party purchase power surge. Inlet gas was rerouted to flare to protect personnel and equipment.
Steps taken to limit the duration and magnitude of venting and/or flaring	Inlet gas was flared until C-2 could be started.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Maintenance personnel determined that the quickest way to end the flaring event was to start C-2. C-2 was started and normal operation resumed. Flaring ceased.

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CONDITIONS

Action 56918

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 56918
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tillmana	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	10/20/2021